

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 101636/KS/JJ	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 00/04231	International filing date (day/month/year) 09/05/2000	(Earliest) Priority Date (day/month/year) 04/06/1999
Applicant NOKIA NETWORKS OY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

RELEASING A CONNECTION IN A WIRELESS COMMUNICATION NETWORK

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 98.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

2a

☐ None of the figures.

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Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Line 1: "... (10a), such as a radio network controller, for use..."

Line 1: "... communication network (e.g. UMTS), said..."

Line 3: "... element (14), for example an SGSN, wherein..."

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International Application No
PCT/EP 00/04231A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 568 212 A (NOKIA MOBILE PHONES LTD) 3 November 1993 (1993-11-03)	1-3, 16, 17, 19, 20
Y	column 4, line 34 - column 5, line 28	4
Y	EP 0 888 022 A (LUCENT TECHNOLOGIES INC) 30 December 1998 (1998-12-30)	4
	column 8, line 52 - column 9, line 58	
A	WO 95 08898 A (NOKIA TELECOMMUNICATIONS OY ;MUSZYNSKI PETER (FI)) 30 March 1995 (1995-03-30)	1-4, 16, 17, 19, 20
	page 15, line 5 - line 35	
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (see specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "B" document member of the same patent family

Date of the actual completion of the international search

15 August 2000

Date of mailing of the international search report

22/08/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 apo nl,
 Fax (+31-70) 340-3016

Authorized officer

Schut, G

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/04231

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0568212 A	03-11-1993	FI 921882 A	28-10-1993
		DE 69313913 D	23-10-1997
		DE 69313913 T	05-03-1998
		JP 2994527 B	27-12-1999
		JP 6022364 A	28-01-1994
		US 5345448 A	06-09-1994
EP 0888022 A	30-12-1998	CA 2235669 A	24-12-1998
		JP 11103487 A	13-04-1999
		NO 982919 A	28-12-1998
		CA 2235688 A	24-12-1998
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WO 9508898 A	30-03-1995	AU 684719 B	08-01-1998
		AU 4821093 A	10-04-1995
		EP 0720804 A	10-07-1996
		FI 961315 A	21-05-1996
		JP 9505949 T	10-06-1997
		NO 961193 A	22-05-1996
		US 5850607 A	15-12-1998
WO 9927741 A	03-06-1999	AU 1448299 A	15-06-1999
GB 2313259 A	19-11-1997	NONE	
EP 0898438 A	24-02-1999	FI 973425 A	21-02-1999
		AU 7045198 A	08-03-1999
		FI 990988 A	30-04-1999
		WO 9909774 A	25-02-1999
		JP 11113071 A	23-04-1999

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 27741 A (ERICSSON TELEFON AB L M) 3 June 1999 (1999-06-03) page 14, line 18 - line 23 page 20, line 20 -page 22, line 10 page 24, line 9 - line 21 page 28, line 7 -page 30, line 21; figures 9,14	1-5,13, 16-19,22
A	GB 2 313 259 A (MOTOROLA ISRAEL LTD) 19 November 1997 (1997-11-19) abstract	9
A	EP 0 898 438 A (NOKIA MOBILE PHONES LTD) 24 February 1999 (1999-02-24)	